

PTO/SB/O8A (10-96)
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known		
				Application Number	10/607,777	
				Filing Date	06/27/2003	
				First Named Inventor	Adams et al.	
				Group Art Unit	1724	
Examiner Name	Hopkins					
Sheet	1	Of	5	Attorney Docket Number	J-3865	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
RAH	1	US 2003/0146292	A1	Schramm et al.	08/07/2003	
	2	3,790,081		Thornton et al.	02/05/1974	
	3	4,383,951		Palson	05/17/1983	
	4	4,323,193		Compton et al.	04/06/1982	
	5	4,294,778		DeLuca	10/13/1981	
	6	4,276,236		Sullivan et al.	06/30/1981	
RAH	7	4,166,087		Cline et al.	08/28/1979	

FOREIGN PATENT DOCUMENTS								
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		Office ³	Number ⁴	Kind code ⁵ (if known)				
RAH	8	WO	02/31413	A2	The Dial Corp.	04/18/2002		
	9	WO	95/10352		Waterbury	04/20/1995		
RAH	10	WO	01/02025	A1	S.C. Johnson	01/11/2001		

Examiner Signature		Date Considered	10/19/04
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¹ Unique citation designation number.

² See attached Kinds of U.S. Patent Documents.

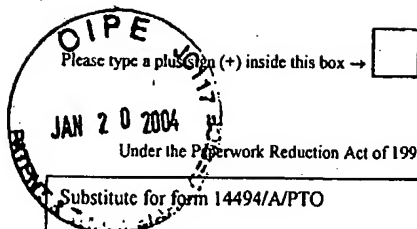
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Substitute for form 14494/A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
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Sheet	2	Of	5	Attorney Docket Number	J-3865

U.S. PATENT DOCUMENTS						
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		Number	Kind Code ² (if known)			
RAH	11	4,035,451		Tringali	07/12/1977	
	12	3,993,444		Brown	11/23/1976	
	13	3,990,848		Corris	11/09/1976	
	14	4,432,938		Meetze, Jr.	02/21/1984	
	15	33,864		Steiner et al.	03/31/1992	
	16	5,909,845		Greatbatch et al.	06/08/1999	
RAH	17	US 6,555,068	B2	Smith	04/29/2003	

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		Office ³	Number ⁴	Kind code ⁵ (if known)				
RAH	18	WO	02/30220	A1	04/18/2002			

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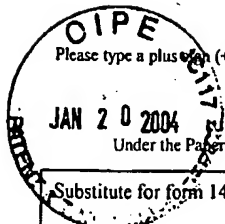
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Substitute for form 14494/A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	3	Of	5	Attorney Docket Number	J-3865
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Complete if Known

Application Number	10/607,777
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Examiner Name	Hopkins
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		Number	Kind Code ² (if known)			
RAH	19	4,666,638		Baker et al.	05/19/1987	
	20	US 6,371,450	B1	Davis et al.	04/16/2002	
	21	5,662,835		Collingwood	09/02/1997	
	22	5,547,616		Dancs et al.	08/20/1996	
	23	5,970,643		Gawel, Jr.	10/26/1999	
RAH	24	5,370,829		Kunze	12/06/1994	
	25	5,376,338		Zlotnik	12/27/1994	

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		Office ³	Number ⁴	Kind code ⁵ (if known)				

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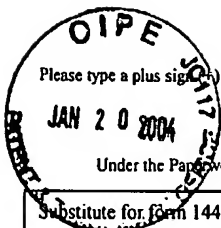
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Sheet	4	Of	5	Attorney Docket Number	J-3865

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		Number	Kind Code ² (if known)			
RAH	26	5,342,584		Fritz et al.	08/30/1994	
	27	5,223,182		Steiner et al.	06/29/1993	
	28	5,133,042		Pelonis	07/21/1992	
	29	5,126,078		Steiner et al.	06/30/1992	
	30	4,931,224		Holzner, Sr.	06/05/1990	
	31	4,857,240		Kearnes et al.	08/15/1989	
RAH	32	4,695,435		Spector	09/22/1987	

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J-3865

Doc. No.: 453140

Atty. Docket No.

Serial No.

J-3865

10/607,777

Filing Date:

Group Art Unit

June 27, 2003

3751 1724

Applicant(s): Mary Beth Adams et al..

INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

Sheet 1 of 1

U.S. PATENT DOCUMENTS

*Examiner Initials		Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
RAH	A1	2,828,953	4/1/1958	Hartmann	261	30	
	A2	4,621,768	11/11/1986	Lhoste et al.	239	44	
	A3	4,660,764	4/28/1987	Joyaux et al.	239	44	
	A4	4,968,487	11/6/1990	Yamamoto et al.	422	125	
	A5	6,104,867	8/15/2000	Stathakis et al.	392	403	
	A6	6,361,752	3/26/2002	Demarest et al.	422	306	
RAH	A7	2002/136886	9/26/2002	He et al.	428	313.5	

FOREIGN PATENT DOCUMENTS

*Examiner Initials		Document Number	Publication Date	Country	Class	Subclass	Translation	
							Yes	No
RAH	B1	WO03/086487	10/23/2003	PCT				
	B2	AU 664685	11/23/1995	Australia				
	B3	EP 0 882 459	12/9/1998	EPO				
RAH	B4	GB 2285579	7/19/1995	GB				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

RAH	C1	International Search Report and Written Opinion, August 16, 2004, Appl. No. PCT/US04/008436
RAH	C2	International Search Report and Written Opinion, August 16, 2004, Appl. No. PCT/US04/008437

EXAMINER

Robert H. H.

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